

OPERATING DATA REPORT

DOCKET NO. 50-220
 DATE 11/6/78
 COMPLETED BY T.J. Perkins
 TELEPHONE 315-343-2110
 ext. 1312

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 10/01/78 - 10/31/78
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 640
5. Design Electrical Rating (Net MWe): 620
6. Maximum Dependable Capacity (Gross MWe): 630
7. Maximum Dependable Capacity (Net MWe): 610
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Design Elec. Net was
 changed
 recalculated as of
 12/30/77

9. Power Level To Which Restricted, If Any (Net MWe): 550 mwe (net) 1702 mwt.
10. Reasons For Restrictions, If Any: 92.0 scram reactivity coast down

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7,296	78,888
12. Number Of Hours Reactor Was Critical	620.2	6,939.8	58,009.0
13. Reactor Reserve Shutdown Hours	0	0	1,204
14. Hours Generator On-Line	609.7	6,868.6	55,558.8
15. Unit Reserve Shutdown Hours	0	0	20.2
16. Gross Thermal Energy Generated (MWH)	976,071	11,497,776	89,951,785
17. Gross Electrical Energy Generated (MWH)	325,160	3,823,488	29,605,200
18. Net Electrical Energy Generated (MWH)	314,517	3,696,147	28,673,070
19. Unit Service Factor	81.8	94.1	70.4
20. Unit Availability Factor	81.8	94.1	70.5
21. Unit Capacity Factor (Using MDC Net)	69.2	83.0	59.6
22. Unit Capacity Factor (Using DER Net)	68.1	81.7	58.6
23. Unit Forced Outage Rate	0	1.7	10.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
March 4, 1979 Annual Shutdown, Overhaul and Refuel.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

Forecast Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

7811210303 R

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220
 UNIT Nine Mile Pt. Unit
 DATE 11/06/78
 COMPLETED BY T.J. Perkins
 TELEPHONE 315-343-2110
 ext. 1312

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	--
2	--
3	--
4	--
5	--
6	84
7	381
8	390
9	431
10	474
11	521
12	549
13	550
14	543
15	531
16	545

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	551
18	552
19	554
20	551
21	543
22	529
23	550
24	550
25	549
26	554
27	553
28	449
29	511 25 hrs.
30	545
31	548

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October

DOCKET NO 50-220
 UNIT NAME Mine Mile Point Unit #1
 DATE 11/3/78
 COMPLETED BY I.J. Perkins
 TELEPHONE 315-343-2110
ext. 1312

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
	9/30/78	S	135.3	A	1				#11 Recirc Pump Cooler Leak
	10/14/78	S	.4	H	1				#11 Recirc Pump Cooler Repaired
	10/15/78	S	4.8	H	1				Change Condensate Demins
	10/21/78	S	3.3	H	1				Pull Control Rods
	10/28/78	S	6.5	H	1				To change condensate demins and pull Control Rods

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

OPERATING DATA REPORT

DOCKET NO. 50-220
 DATE 10/04/78
 COMPLETED BY I.J. Perkins
 TELEPHONE 315-343-2110
 ext. 1312

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 08/01/78 - 08/31/78
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 640
5. Design Electrical Rating (Net MWe): 620
6. Maximum Dependable Capacity (Gross MWe): 630
7. Maximum Dependable Capacity (Net MWe): 610
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe): 561
10. Reasons For Restrictions, If Any: Scram Reactivity Coast Down
512 Mwe - Rx Recirc Pump #11 out

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	_____	_____	_____
12. Number Of Hours Reactor Was Critical	_____	_____	_____
13. Reactor Reserve Shutdown Hours	_____	_____	_____
14. Hours Generator On-Line	_____	_____	_____
15. Unit Reserve Shutdown Hours	_____	_____	_____
16. Gross Thermal Energy Generated (MWH)	_____	_____	_____
17. Gross Electrical Energy Generated (MWH)	_____	_____	_____
18. Net Electrical Energy Generated (MWH)	_____	_____	_____
19. Unit Service Factor	_____	_____	_____
20. Unit Availability Factor	_____	_____	_____
21. Unit Capacity Factor (Using MDC Net)	_____	Correction	_____
22. Unit Capacity Factor (Using DER Net)	_____	84.0	_____
23. Unit Forced Outage Rate	_____	_____	_____
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	_____		

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

OCTOBER 1978

The Unit operated at 69.2% electrical capacity factor with an availability of 81.8% for the month. The unit is derated to 92.0% thermal power as a result of scram reactivity restrictions.

October 1 - 6 The unit remained shutdown to repair #11 Reactor Recirculation Pump Cooler.

October 6 1524 the unit was returned to service. Increasing load at Reactor Analyst instructions.

October 7 1600 Unit Load 430 MWe. 2204 Reducing load from 440 MWe by recirculation flow for control rod pulls.

October 8 0000 Unit load at 319 MWe. Increasing load at Reactor Analyst instructions.
1600 Unit load at 424 MWe. Holding at this load level due to TIP Machine failure.

October 9 0800 Unit load at 432 MWe. Increasing load as PCIOMP limits allow.

October 10 Increased load to 505 MWe.

October 11 Increased load to 560 MWe.

October 12 - 14 Unit load holding at 562 MWe.

October 14 0919 Unit load was reduced to 545 MWe due to control rod 34-31 scrambling. Rod scrambling was caused by a blown fuse in one RPS supply to the scram valves, coincident with scram surveillance testing of the other RPS channel.
1255 Reduced load to 525 MWe via recirculation flow to setup conditions and withdraw control rod 34-31
1600 Increased load to 556 MWe.

October 15 0155 Reduced load to 475 MWe to change a condensate demineralizer.
0543 Demineralizer changeover completed, increasing load with recirculation flow.
0635 Unit load at 565 MWe.

October 15 - 21 Unit load at 565 MWe.

October 21 2230 Reduce load to 485 MWe by recirculation flow for control rod pulls.

October 22 0115 Rod pulls complete, increasing load.

October 23 - 27 Unit load at 565 MWe.

October 28 0108 Started reducing load for condensate demineralizer change and for control rod pulls.
0145 Unit load at 412 MWe.
0745 Rod pulls and demineralizer change completed, increasing load.

October 29 2315 Unit load at 555 MWe.

October 30 - 31 Unit load at 564 MWe.